

METROPOLITAN NASHVILLE AND DAVIDSON COUNTY SOLID WASTE PLANNING REGION

ANNUAL PROGRESS REPORT

January 1 through December 31, 2002

Prepared by the Metro Department of Public Works,
Division of Waste Management

May 6, 2003



Municipal Solid Waste Planning Region

ANNUAL PROGRESS REPORT

January 1, through December 31, 2002

This annual progress report covers the Region's solid waste activities from January 1, 2002 through December 31, 2002 and is due (original and one copy) in the Division of Community Assistance (DCA) office **on or before March 31, 2003**.

The progress report is considered to be an opportunity to reflect on successful implementation of the Region's ten-year plan (or five-year revision to plan). It is understood that the strategies originally planned for attaining the Region's goals may have changed because of unforeseen circumstances. Changes should be reflected in this report.

Should the Region have difficulty collecting information necessary to prepare this report, the statute allows the Region to compel those actively engaged in the collection, transportation, and/or disposal of solid waste to provide the necessary information [T.C.A. §68-211-871(c) and (d)].

Contact DCA for additional information or assistance at (615) 532-0445.

SECTION I.

GENERAL INFORMATION

Region Number **19**

Person Completing Report: **Chace Anderson**

Title: **Solid Waste Director**

Organization: **Depart of Public Works - Waste Management Divisi**

City: **Nashville**

E-mail: **chace.anderson@nashville.gov**

State: **TN**

Phone: **(615) 862-8962**

Zip: **37207-**

Fax: **(615) 862-8619**

Address:

939 Dr. Richard Adams Drive

SECTION I.

REGIONAL SOLID WASTE DIRECTORS

NAMES AND COUNTIES

County Name County Number
Name Organization Name
Address
City TN
Phone Number Fax
E-mail

REGION'S COUNTY EXECUTIVE

NAMES AND COUNTIES

The Honorable

Bill Purcell

Metropolitan Mayor

SECTION II. MUNICIPAL SOLID WASTE REGIONAL PLANNING BOARD MEMBERS

*T.C.A. 68-211-813 (b) states that each Region must have a board that shall consist of **an odd number of members, not less than five nor more than fifteen**. Each county that is a member of the Region must be represented by at least one member. Municipalities that provide solid waste services either directly or by contract shall be represented on the board. Municipalities entitled to representation may agree to be represented jointly by a board member.*

*The **members of the board shall serve for terms of six (6) years** or until their successors are elected and are qualified by taking an oath of office, except that **the initial board** shall have approximately one-third (1/3) of the members with terms of two (2) years, and approximately one-third (1/3) of the members with terms of four (4) years, so as to stagger the terms of office.*

Appointments made after July 1, 1994, to the board for a municipal solid waste region consisting of counties having a population less than two hundred thousand (200,000) according to the 1990 federal census or any subsequent federal census shall be made so that rural landowners shall have representation on the board, and by December 31, 1998, at least thirty percent (30%) of the membership shall consist of members who own at least a fifty percent (50%) equitable or fee simple interest in land that is eligible for classification as agricultural, forest or open space land under the terms of the Agricultural, Forest and Open Space Land Act of 1976, as amended.

RegionName: Davidson County

SECTION 2 REGIONAL CHAIR

CHAIR	REPRESENTING	TERM START	TERM END
John Sherman	Davidson Co. at large	6 /20/2003	12/15/2009

ADDRESS			
526 Fairfax Avenue	Nashville	37212	TN

PHONE	FAX	EMAIL
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SECTION 2 BOARD MEMBERS

MEMBER NAME	COUNTY	TERMSTART	TERMEND
Mr. William Brashier	City of Goodlettsville	9 /26/1996	12/15/2002
Mr. Bill Barnertt	City of Oak Hill	12/16/1999	12/15/2002
Mr. Joe Baker	City of Berry Hill	07/10/2002	12/15/2002
Ms. Beth Reardon	City of Belle Meade		
Dr. Decatur Rogers	Davidson co. at large	02/02/1999	12/15/2004
Mr. Robert Diehl	Davidson co. at large	12/03/2002	12/15/2005
Mr. Jack Vanatta	City of Lakewood	03/14/2003	12/15/2009
Mr. Jim Downing	Davidson co. at large	03/02/1999	12/15/2004

Ms Anna B. Alaxander	Old Hickory	01/02/2001	12/15/2006
Ms April Ingram	Goodlettsville	02/02/1999	12/15/2004
Mr. Daniel D. Lane	Nashville	01/02/2001	12/15/2006
Dr. Ruth Neff	Nashville	01/07/2003	12/15/2008
Mr. John E. Sherman	Nashville	06/20/2003	12/15/2009

CHAPTER 4. A.List Contact Responsible for Recycling Reports

Region SW Region Name Davidson

Recycle Contact
Recycle Title
Rec Address
Rec City
Recycle Zip
Phone
Fax
E-mail

B. Regional Recycling Coordinator

Name
Title/Organization
Address
City
State Zip
Phone
Fax
E-mail

C.Did the Region's Recycling goals and/or plans change in 2002? ☐

Details

D. Tennessee Recycling Report for 2002

*Effective January 1, 1996, **each county** must provide, directly or by contract, one or more sites for the collection of recyclable materials, unless an adequate site is otherwise available [T.C.A. § 68-211-863]. **If the Region contracts with a private recycling firm to fulfill the requirements, include a letter from that firm to the County Executive indicating a willingness to provide this service.** The letter should state that the facility is available to all county citizens and should also include a list of the materials which will be accepted.*

*The Region shall provide copies of the Tennessee Recycling Report to each collection facility for completion. Each commercial and industrial in-house recycling program shall complete the Tennessee Recycling Report for 2002. Each County, Municipality and Non-Profit shall complete **one** report to include information for all programs under their control. (i.e. city or county schools, convenience center collection sites, etc.)*

19 Davidson

Chapter 4 Continued

Program Name Metro Public Works

Program Name

Metro Public Works

progID:

607

19

☒ Public

County

Davidson

Address

939 Dr. Richard Adams Dr.

Contact

Sharon Smith

City

Nashville

Phone

(615) 862-4069

State

TN

Fax

(615) 862-8619

Zip

37207

1. FOR EACH PARTICIPANT IN THIS PROGRAM ANSWER THE FOLLOWING QUESTIONS

Check all that apply:

Ownership:

Other

If other, Specify:

Metro

☐ Is this a Residential Curbside Service?

☒ Are there Permitted CCCs in this Program?

☒ Is this a Drop-Off Service?

Number of CCC

2

2. OTHER SERVICE TYPES: If the service is not listed as one of the options in Question 1, provide information below:(blank ok--if description is above)

Hillsboro High School

off Hillmont Drive

Nashville

37215

School

Sharon Smith

Rivergate Recycling

630 Myatt Drive

Madison

37215

Material Recovery Facilit

Sharon Smith

Nashville Technical State Institute

120 White Bridge Road

Nashville

37209

Business

Sharon Smith

Chapter 4 Continued

Hermitage Kroger (#866)

4400 Lebanon Road

Nashville

37214

Business

Sharon Smith

Elysian Fields Kroger (#5150

3955 Nolensville Road

Nashville

37211

Business

Sharon Smith

Compton's Foodland

2830 Smith Springs Road

Nashville

0

Business

Sharon Smith

Clarksville Highway Kroger (#55)

3930 Clarksville Highway

Nashville

37208

Business

Sharon Smith

Bellevue Kroger (#527)

7087 Highway 70 S

Nashville

37221

Business

Sharon Smith

Crescent Plaza Kroger (#842)

301 Old Thompson Lane

Nashville

37211

Business

Sharon Smith

Chapter 4 Continued

Granberry Elementary School

496 Hill Road

Brentwood

37027

School

Sharon Smith

Material: Auto Fluids

Material SubType Antifreeze 0.95

Material SubType Waste Oil 17.15

Material Total (tons) 18.1

Material: Electronics

Material SubType 0.25

Material Total (tons) 0.25

Material: Glass

Material SubType MixedContainerGlass 1940.44

Material Total (tons) 1940.44

Material: Metals

Material SubType Mixed Metals (Fe &NF) 24.39

Material SubType Mixed Metals (Fe &NF) 313.13

Material SubType Other Fe Scrap 1758.04

Material SubType Aluminum Food/Bev 41.43

Material Total (tons) 2136.99

Chapter 4 ContinuedMaterial: Mulch**Material SubType** Yard Waste 28080.44**Material SubType** Yard Waste 10808**Material Total (tons)** 38888.44Material: Other**Material SubType** Asphalt 15017**Material SubType** Mixed Recyclables 5989.98**Material Total (tons)** 21006.98Material: Paper**Material SubType** Old Newspaper 4387.95**Material SubType** Corrugated Containers 1079.99**Material SubType****Material Total (tons)** 5467.94Material: Plastic**Material SubType** Mixed PET/HDPE 282.57**Material Total (tons)** 282.57Material: Tires**Material SubType** Tires 149.46**Material Total (tons)** 149.46**Metro Public Works Program Total (tons)** 69891.17

Chapter 4 Continued

<u>19</u>	<u>Davidson</u>	RegionTotal	69891.17
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CHAPTER 5 WASTE REDUCTION (PROGRESS TOWARD THE 25% WASTE REDUCTION GOAL)

The Solid Waste Management Act of 1991 as amended through 1999 requires each Region to reduce by 25% (measured on a tons per capita basis) all waste generated in the Region and disposed of in Class I landfills or incinerators located in or out of the Region by December 31, 2003.

A. DISPOSAL TONNAGE FIGURES FOR 2001

2002TotalDisposal 514542.85 SW Region Name: Davidson

InsideRegionTons 90007

OutsideRegionTons 424535.85 Outside Tn Tons

SWDISPOSALBYCOUNTY

19	Disposal Facility Name	InsideRegion	Outside Region	Outside State	INOUT Total
Davidson	Thermal	90007			90007

Disposal Facility ID #

SWP190000098

19	Disposal Facility Name	InsideRegion	Outside Region	Outside State	INOUT Total
Davidson	BFI Transfer Station		245661.51		245661.51

Disposal Facility ID #

SNL751020219

19	Disposal Facility Name	InsideRegion	Outside Region	Outside State	INOUT Total
Davidson	Waste Management-Southern Services		138249.87		138249.87

Disposal Facility ID #

WM-Transfer

19	Disposal Facility Name	InsideRegion	Outside Region	Outside State	INOUT Total
Davidson	BFI Landfill		40624.47		40624.47

Disposal Facility ID #

BFI Landfill

B. Assessing Reduction Strategy

As proposed in the Region's 10-year Solid Waste Management Plan, waste reduction strategies will be followed to achieve a 25% waste reduction goal. In working toward that goal, it may have been necessary to revise those strategies.

CHAPTER 5 WASTE REDUCTION (Continued)

Waste Reduction Strategy 2002 Tonnage-Tons not going to Class I

County **Davidson**

ClassIII/IV Diversion (from Ch.8, Section B)	143479.15	
Mulching (subtotal C from All TRRs)	38888.44	
Recycling(subtotal A from all TRRs)	31002.48	
Electronics (from all TRRs)	0.25	
Composting (subtotal B from all TRRs)		
Source Reduction (specify type in 4.2)		
Other		
Total As listed	213370	213370 Calculated Total

C. DESCRIPTION OF WASTE REDUCTION STRATEGIES

County: **Davidson**

☒ **ClassIII/IV Landfill in County**

☒ **Mulching Diversion**

The Division of Waste Management operates a composting/mulch site which processes (by grinding and screening) and ages a mixture of brush waste and other untreated wood products

☒ **Recycling Diversion**

Metro provides a network of recycling drop-off sites throughout Davidson County. In addition, all residents within the Urban Service District of Metropolitan Nashville receive curbside recycling services.

☐ **Composting Diversion**

☐ **Source Reduction**

☐ **Other Diversion**

☒ **3. Were there changes in
the Waste Reduction
Strategies?**

Changes in 2002 include the beginning of a curbside recycling program for all 100,000 single family homes in Nashville.

CHAPTER 6. WASTE COLLECTION AND TRANSPORTATION

As of January 1, 1996, each county in the Region was required to assure adequate collection [T.C.A. § 68-211-851] to meet the needs of its citizens. Per the statute, green boxes (unattended dumpsters) may not be used to assure minimum collection efforts.

According to Tennessee Regulations 1200-1-7-.10, the minimum level of solid waste collection services for a county shall be assured through the use of convenience centers or a higher level of service (household collection).

A.1 Convenience Centers

nbrRegion	19	County:	Davidson	<input type="checkbox"/> Changes?
SiteName	BELLS BEND	MON HRS:		
SiteLocation	4107 OLD HICKORY BLVD	TUESHRS:		
SiteCity	Nashville	WEDHRS:		
SiteState	TN	THUHRS:		
SiteZip		FRIHRS:		
SWMPermit#-LISTED	CCC190000129	SATHRS:		
OFFICIALID#:	CCC190000129	SUNHRS:		
Phone		Other Hours Info	Presently in-active	
Recycling Offered	<input type="checkbox"/>	Operates as Transfer Station?	<input type="checkbox"/>	
SiteName	Anderson Lane Center	MON HRS:	07:30 AM__05:00 PM	
SiteLocation	939 Anderson Lane	TUESHRS:	07:30 AM__05:00 PM	
SiteCity	Madison	WEDHRS:	07:30 AM__05:00 PM	
SiteState	TN	THUHRS:	07:30 AM__05:00 PM	
SiteZip	37115	FRIHRS:	07:30 AM__05:00 PM	
SWMPermit#-LISTED	19-102-0168	SATHRS:	07:30 AM__05:00 PM	
OFFICIALID#:	Z314	SUNHRS:	12:00 PM__04:00 PM	
Phone	(615) 860-2588	Other Hours Info		
Recycling Offered	<input checked="" type="checkbox"/>	Operates as Transfer Station?	<input type="checkbox"/>	
Materials Collected	cardboard, newspaper, plastic, glass, aluminum, paper			

CHAPTER 6. WASTE COLLECTION AND TRANSPORTATION CONT'D

SiteName	East Center	MON HRS:	07:30 AM__05:00 PM
SiteLocation	930 Dr. Richard Adams Road	TUESHRS:	07:30 AM__05:00 PM
SiteCity	Nashville	WEDHRS:	07:30 AM__05:00 PM
SiteState	TN	THUHRS:	07:30 AM__05:00 PM
SiteZip	37206	FRIHRS:	07:30 AM__05:00 PM
SWMPermit#-LISTED	19-102-0167	SATHRS:	07:30 AM__05:00 PM
OFFICIALID#:	Z315	SUNHRS:	12:00 PM__04:00 PM
Phone	(615) 262-2268	Other Hours Info	
Recycling Offered <input checked="" type="checkbox"/>	Operates as Transfer Station? <input type="checkbox"/>		
Materials Collected	cardboard, newspaper, plastic, glass, aluminum, paper		

nbrRegion: 19

B. Determining the Number of Convenience Centers

To determine the number of convenience centers that would be required for a county to operate under Tennessee Regulations 1200-1-7-.10, the service area of a county must first be calculated. The service area can be calculated using square miles or population. Area Method for determining the service area can be found in Appendix D or Page 7 in the Annual Progress Report Guidelines.

Method Used

- ☐ Population
☒ Area

- C. Indicate the total number of convenience centers required by either the population or square miles method for each county in the Region in the table

COUNTY: 19 Number of
 CCCs 2 Number of
 REQUIRED CCCs listed

- D. ☐ CCC NUMBER Required Is LARGER THAN the Number of Listed CCC.

If YES for any county in the Region, how is collection assurance provided?

☒ Higher Level of Service (Alternative System)?
☐ Are you adding additional CCCS

How Many

Date to be Added

Any Counties not having enough CCC's need to complete section
E.Alternative systems

CHAPTER 6. WASTE COLLECTION AND TRANSPORTATION CONT'D

CHAPTER 6. WASTE COLLECTION AND TRANSPORTATION-Continued

Ch 6 E. Alternative Systems

Note: This does not include municipal corporations operating mandatory collection services.

E. Higher Level of Service - Alternative Systems

Chapter 1200-1-7-.10(2)(c) states that "If a county or region proposes an alternative system said system shall be approved by the Commissioner. The proposed system must provide a higher level of service than convenience centers. The county must, at a minimum, provide a review and state in detail the criteria by which the system provides a higher level of service."

nbrRegion

19

Alternative
System Name

Curbside collection of MSW and Recyclables

Alt. System
Description

Length in Service

System Operated
by:



County Operated



Contract Operated

Volume Collected

Other System Info

TDEC
APPROVED



(Provide documentation of TDEC Commissioner's approval for all alternative systems listed. Include any documentation from the County Executive.)

**F.1 If Checked Region has no
Greenboxes**



H.If checked Region has no Dumps



CHAPTER 6.-Continued

H. Roadside Dumps

[Each Region shall identify (in writing) unmet needs and report annually.

T.C.A. § 68-211-851 (b) and § 68-211-815 (b) (2) (b) and Rule Chapter

nbrRegion

19

county

Davidson

number of dumps

256 Inspections of Illegal D

waste type

C&D waste, appliances, refuse

Estimated volume

CHAPTER 6. WASTE COLLECTION AND TRANSPORTATION CONT'D

CHAPTER 6. WASTE COLLECTION AND TRANSPORTATION-Continued

I. Complaints

nbrRegio

19

- ☒ The Region has a system to Receive and respond to citizens complaints.
- ☒ The Region considers citizens complaints when revising the solid waste plan.

CHAPTER 7 COMPOSTING

A. Provide Information for each Solid Waste Processing Facility

Type:

Address:

Permit#:

Beneficial End Use/Disposal Method

Composting-yes ☐

Waste To
Energy-yes ☒

Solid Waste
Processing-yes ☐

Incineration-yes ☐

Other-yes ☐

B. Did Region's Plans Change in 2002?

Significant Changes2002 ☐

YesChanges, Explain